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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/827,383	
	Filing Date	April 4, 2001	
	First Named Inventor	Michael Mittmann et al	
	Art Unit	1634	
	Examiner Name	J. Fredman	
Total Number of Pages in This Submission	33	Attorney Docket Number	3108.1

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply (10 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Exhibit 1 (2 pages); - Exhibit 2 (4 pages); - Exhibit 3 (one page); - Copy of article "Parallel Genotyping..." (8 pages); and - Copy of article "Quantitative Phenotypic..." (7 pages)
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Sandra E. Wells Reg. 52,349
Signature	<i>Sandra E. Wells</i>
Date	March 4, 2004

CERTIFICATE OF MAILING			
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicants: Michael Mittmann

Serial No: 09/827,383

Filing Date: 2001-04-04

Title: TAG NUCLEIC ACIDS AND
PROBE ARRAYS

Examiner: J. Fredman

Group Art Unit: 1634

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

**AMENDMENT AND REPLY TO OFFICE ACTION
UNDER 37 CFR 1.111**

In response to the Office Action mailed December 04, 2003, Applicants respectfully request reconsideration of the pending rejections and reexamination of the present application in view of the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 4 of this paper.

Remarks/Arguments begin on page 6 of this paper.

Exhibits begin on page 11 of this paper.